



## **ABSTRACT**

## Phosphatidylinositol-3' Kinase Associated Protein(s)

Identification, characterization and expression of nucleotides that encode phosphatidylinositol-3' kinase associated protein(s) that bind to the intermediate SH2 domain on the regulatory subunit of PI3K, p85, by the associated protein(s) C-terminal amino acids, and that exhibit a bromodomain are described, as well as methods of using such proteins for medical applications, including diagnosis and treatment cell growth disorders.